

New York State Department of Environmental Conservation Division of Hazardous Waste Remediation Bureau of Hazardous Site Control Additions/Change to Registry Summary of Approvals

Site Name Suffolk Airport CED	Site DEC 1.D. Number 15.2078
Current Classification	
Activity: Add as Recla	assify to Delist Modify
Approvals:	
Regional Hazardous Waste Engineer	Yes No
NYSDOH	Yes No
DEE	Yes No
BHSC: a. Investigation Section	Yes No
b. Site Control Section	Role / 11/min Date 3/31/93
c. Director	WEWemulfrens Date 4/1/93
DHWR Assistant Director	Ment Hilled Date 4/5/93
Notification letter mailed	5/17/9 <u>3</u>
For Propo	osed Class 2a Site Only:
Anticipated Action:	
By Whom:	
Time Frame:	

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS WASTE REMEDIATION REGISTRY SITE CLASSIFICATION DECISION

				TON DECISION					
1. SITE NAME Suffolk Airport C&	D Site	2. SITE NO. 152078		CITY/VILLAGE on Beach/T.O.	S.Hampton	4. COUNTY Suffolk			
5. REGION <u>1</u> 6.	CLASSIFIC	CATION: CUI	RRENT 2a	PROPOSED	_D1 MC	ODIFY			
7. LOCATION OF SITE (1 a. Quadrangle Quoque	Attach U. b.	S.G.S. Topogra Site Latitude 40° 50' 02" N	aphic Map Long 72°	showing site l itude 37'23"W D	ocation) c. Tax Dist 900/Sct	Map Number 312/Blk 1/Lot 1			
8. BRIEFLY DESCRIBE TO The site was operated an open dump. Insplained "acid," solubled wells were installed samples were taken.	ted by th pections lvent con ed and sa	e United State at the disposa tainers and Ca	es Air Ford al area rev AD wastes.	ce, from approvealed abandon Downgradient	ed drums, o	950 to 1970, as containers			
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9. HAZARDOUS WASTES DI There is no documen soil sample (of ele testing was done.	itation o	f hazardous wa wed an elevate	aste dispos ed lead cor	sal. In one salcentration.	ampling eve However no	nt, only one EP Toxicity			
10. ANALYTICAL DATA AVAILABLE a. ()Air (X)Groundwater ()Surface Water (X)Soil ()Waste ()EPTox ()TCLP b. Contravention of Standards or Guidance Values None.									
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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS WASTE REMEDIATION REGISTRY SITE CLASSIFICATION DECISION

7. LOCATION OF SITE (Attach U.S.G.S. Topographic Map showing site location) a. Quadrangle b. Site Latitude Longitude c. Tax Map Number Quogue 40° 50' 02" N 72° 37' 23" N Dist 900/Sct 312/Blk 1/Lot 1 3. ERIEFLY DESCRIBE THE SITE (Attach site plan showing disposal/sampling locations) The Site was coperated by the United States Air Force, from approximately 1950 to 1970, as an open dump. Inspections at the disposal area revealed abandoned drums, containers labeled "acid," solvent containers and CED wastes. Downgradient groundwater monitoring wells were installed and sampled in 1982. These wells were not found in 1991, when soil samples were taken. a. Area _9 acres b. EFA ID Number NYD991186943 c. Completed (XX) Phase I () Phase II (XX) PSA (XX) RI/FS (XX) Other 9. HAZARDOUS WASTES DISPOSED There is no documentation of hazardous waste disposal. In one sampling event, only one soil sample (of eleven) showed an elevated lead concentration. However no EP Toxicity testing was done. 10. ANALYTICAL DATA AVAILABLE a. () Air (X)Groundwater () Surface Water (X)Soil () Waste ()EPTOX ()TCLP b. Contravention of Standards or Guidance Values None. 11. JUSTIFICATION POR CLASSIFICATION DECISION Although it is alleged that hazardous wastes were deposited at the CED site, this was not confirmed via soil and groundwater sampling. 12. SITE INPACT DATA a. Nearest surface water: Distance 1500 ft. Direction South None. 13. Nearest building: Distance 2000ft. Direction South None Use House Airport Workers None. Nearest GW.: Depth _15 ft. Flow Direction S-EE (X)Sole Source () Primary () Principal Nearest building: Distance 2000ft. Direction South None Use House Airport Workers None. None Use House Airport Workers None Wildlife mortality? () Y (X)N Controlled site access? (X)Y (N) G. Documented fish or wildlife mortality? () Y (X)N Seposed hazardous waste? () Y (X)N J. Exposed hazardous waste? () Y (X)N J. Impact on special status fish or wildlife mortality? () Y (X)N The RES Sorre National Signature Date Signature Date Signat											
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STATE OF NEW YORK DEPARTMENT OF HEALTH

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Center for Environmental Health

2 University Place

Albany, New York 12203-3399

Mark R. Chassin, M.D., M.P.P., M.P.H. Commissioner Paula Wilson Executive Deputy Commissioner

March 22, 1993

OFFICE OF PUBLIC HEALTH
Sue Kelly
Executive Deputy Director
William N. Stasiuk, P.E., Ph. D.
Center Director

Mr. Earl Barcomb, P.E., Director Bureau of Hazardous Site Control NYS Dept. of Environmental Conservation 50 Wolf Road, Room 218 Aibany, New York 12233

RE:

Registry Site Classification Decision Suffolk Airport C&D Site, ID #152078 (T)So. Hampton, Suffolk County

Dear Mr. Barcomb:

My staff have reviewed the information in the Registry Site Classification Decision package submitted for the referenced site.

Based on the information contained therein, I concur that the site should be removed from the registry.

If you have any questions, please contact Mr. Steve Bates at (518) 458-6305.

Sincerely,

G. Anders Carlson, Ph.D.

Director

Bureau of Environmental Exposure

Investigation

sms/93081PRO0589

Encisoure

cc: Dr. N. Kim

Mr. S. Bates/Mr. G. Laccetti Mr. S. Robbins, SCHD Mr. A. Candela, DEC Reg. 1

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS WASTE REMEDIATION REGISTRY SITE CLASSIFICATION DECISION

•	SITE NAME Suffolk Airport CED Sit	2. SITE NO. 152078		WN/CITY/VILLAGE mpton Beach/T.O. S.	Hampton	4. COUNTY Suffolk				
•	REGION 1 6. CLASS	SIFICATION: CUF	RENT _	2a PROPOSED _	<u>D1</u> M	ODIFY				
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3.	SITE OWNER'S NAME 1 Suffolk County	14. ADDRESS Yaphank Avenue,	Yaphar	nk, NY 11980		2PHONE NUMBER 5) 282-1600				
	PREPARER Payden Brewse Signature	<u>ter</u> 02-17-93 Date	_ }	RICHARD H. DA						
ay N-	den Brewster, Environme	ental Engineer 1, B	HSC	TECHNICAL SER						
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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS WASTE REMEDIATION REGISTRY SITE CLASSIFICATION DECISION

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5. REGION 1 6. CLASS	IFICATION: CURRENT	2a PROPOSED D1	MODIFY
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16. PREPARER Nayden Brewster, Environmen Name, Title, Organization	O2-17-93 Date tal Engineer 1, BHSC		would 2-17-93 Date The Jee
		Name, Title, Organization	

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DIVISION OF HAZARDOUS WASTE REMEDIATION REGISTRY SITE CLASSIFICATION DECISION

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS WASTE REMEDIATION INACTIVE HAZARDOUS WASTE DISPOSAL REPORT

CLASSIFICATION CODE: D1

REGION: 1

SITE CODE: 152078

EPA ID:

NAME OF SITE:

Suffolk Airport C & D Site

STREET ADDRESS:

TOWN/CITY:

COUNTY:

ZIP:

Westhampton

Suffolk

11978

SITE TYPE: Open Dump- X Structure- Lagoon- Landfill- Treatment Pond-Acres

ESTIMATED SIZE: 4

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER NAME....: Mr. Joseph LaTrenta, Mgr. SCA

CURRENT OWNER ADDRESS .: Suffolk Co. Admin. Bldg., Westhampton Beac

OWNER(S) DURING USE...: U.S. Air Force; Suffolk County

OPERATOR DURING USE...: OPERATOR ADDRESS....:

PERIOD ASSOCIATED WITH HAZARDOUS WASTE: From

To

SITE DESCRIPTION:

Latitude: 40 deg. 50' 02" N Longitude: 72 deg. 37' 23" W

This site is located at the south east corner of Suffolk County Airport, along Old Riverhead Road.

The United States Air Force operated the facility from 1943 until closing in 1969 as the Suffolk County Air Force Base. In 1970, the land and facilities were aquired by Suffolk County who operated the airfield as the Suffolk County Airport.

About one-third of the site consists of concrete rubble and the remainder contains waste piles. Inspections of the property revealed 55-gallon drums, solvent cans, rocket packing material and inert wastes associated with construction. In 1982, low levels of contaminants were found in three downgradient groundwater monitoring wells. However, no compound could be attributed to the disposal of hazardous waste. Soil samples taken in 1991 revealed a highly elevated load concentration in only one of the eleven samples taken and thus is not representative of the overall site.

HAZARDOUS WASTE DISPOSED: Confirmed-TYPE

Suspected-QUANTITY (units)

SITE CODE: 152078

ANALYTICAL DATA AVAILABLE:

Air- Surface Water- Groundwater-X Soil-X Sediment-

CONTRAVENTION OF STANDARDS:

Groundwater- Drinking Water-

Surface Water-

Air-

LEGAL ACTION:

TYPE..:

State-

Federal-

STATUS:

Negotiation in Progress-

Order Signed-

REMEDIAL ACTION:

Proposed-

Under design-

In Progress-

Completed-

NATURE OF ACTION:

GEOTECHNICAL INFORMATION:

SOIL TYPE: out wash deposits of sand and gravel

GROUNDWATER DEPTH: 15 feet

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Although hazardous substances were found in the 1991 soil sampling, these contaminants are not considered to have resulted from the disposal of hazardous waste.

ASSESSMENT OF HEALTH PROBLEMS:

Engineering Investigations and Evaluations of Inactive Hazardous Waste Disposal Sites

Preliminary Site Assessment Report

Suffolk Airport C&D Site
Site No. 152078
Town of Southampton, Suffolk County

February 1993

Prepared For:

New York State Department of Environmental Conservation 50 Wolf Road Albany, New York

Prepared By:

Division of Hazardous Waste Remediation Bureau of Hazardous Site Control Eastern Investigation Section

Suffolk Airport C&D Site, ID #152078

1.0 INTRODUCTION

The Suffolk County Airport is the location of four areas of concern (Figure 1): the construction and demolition (C&D) site, also known as the runaway disposal dump; the Fire Training Area (ID #152122); the Canine Kennel (ID #152097); and the Air National Guard (ANG) Base. Of these, only the ANG Base is not currently listed on the New York State Department of Environmental Conservation's (NYSDEC) Registry of Inactive Hazardous Waste Disposal Sites. In 1984, NYSDEC inspected the C&D site and discovered discarded oil cans, spent oil filters, solvent cans and several empty 55-gallon drums, in addition to demolition waste and municipal refuse. This area was added to the Registry, as a Class 2a, in December 1984, due to the suspicion that solvents were dumped on the premises. Two separate Phase I studies, for the NYSDEC and the Suffolk County Airport, were completed in 1987. Each of these reports recommended a Phase II investigation. No such investigation has been undertaken, however, NUS Corporation conducted a sampling site inspection in February 1991 and completed an EPA Site Inspection Report in June 1991. This Preliminary Site Assessment has been prepared by the NYSDEC and is based on previous investigations.

2.0 SITE DESCRIPTION

The site encompasses an inactive 9-acre dump located in the southeast corner of the Suffolk County Airport property, on Old Riverhead Road, in the Village of Westhampton Beach, Suffolk County. It is bordered to the north by an airstrip, to the west and east by wooded areas, and by an access road and a strip of woods to the south (Figure 2). The Quogue Wildlife Refuge is located about 1,000 feet east, and Quantuck Creek, the nearest surface water body, is located approximately 2,000 feet southwest of the site. About one-third of the property is covered with concrete rubble from re-construction of the air-field runways by Suffolk County Air Force Base (SCAFB). The remainder consists of randomly scattered waste piles. The entire airport is enclosed by an approximately 12-foot fence. However, access is available via a gate that is sometimes open. Once inside the airport property, no barrier prevents entry to the dumpsite.

Directly beneath the site lies the unconsolidated deposits of the Upper Glacial Aquifer, consisting mostly of stratified fine to coarse sand and gravel. The water level is believed to be approximately 15 feet below surface, and the flow direction is generally south-southeast.

3.0 SITE HISTORY AND PREVIOUS INVESTIGATIONS

The C&D site was used by SCAFB from the 1950's through 1970. The airport, part of the ANG, and other airport lessees, were authorized contributors to the dump from 1971 to 1982. After 1970, there were also incidences of unauthorized disposal. However, it is believed that the majority of wastes disposed on premises were inert wastes associated with construction. Suffolk County is the current owner of the site.

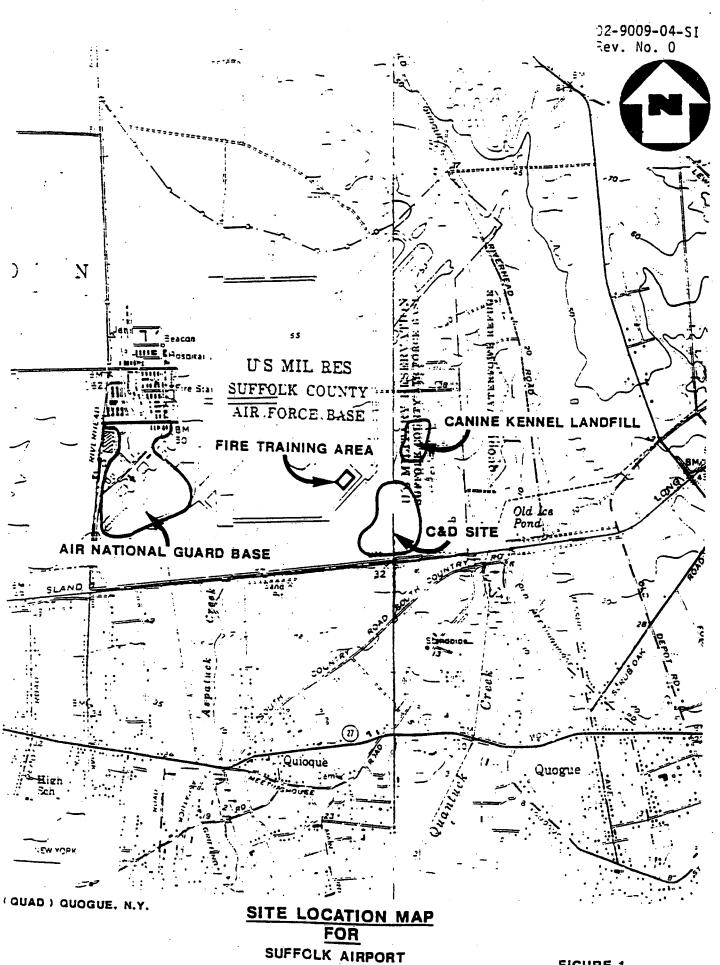
There are unconfirmed reports of large amounts of waste chemicals and munitions buried at the site. It is also alleged that a private citizen dug up drums of "Primotab" and "sodium sulfide."

In 1982, the Suffolk County Department of Health Services installed three wells, downgradient of the disposal area. The groundwater sampling results revealed low concentrations of the following: 2-butanone (MEK), carbon disulfide, 3-methylpentane, 2,4 dimethyl-3-pentanone, methylcyclopentane, hexane, and 2-methyl-3-pentanone. Methylene Chloride was found at 28.3 ppb. However, there were no upgradient sampling results to compare with, and since methylene chloride is a common laboratory contaminant, the presence of this compound at the site was not confirmed.

In 1991, NUS Corporation conducted a sampling site inspection, at which time 11 soil samples were collected (Figure 2). The groundwater monitoring wells could not be located at the time of that inspection. The soil analytical results indicated elevated levels of several compounds, including barium, cadmium, chromium, di-n-butylphthalate, butylbenzlphthalate and pesticides. Also, lead was found at 2,980 ppm, which may have been sufficiently high to have failed EP Toxicity. However, this was in only one of eleven sampling areas, and the lead concentration at each of the other locations was significantly lower.

4.0 CONCLUSIONS AND RECOMMENDATIONS

To date, there is no documentation of hazardous waste disposal on the subject property. Even if the single soil sample with elevated lead levels had been shown to be EP Toxic, this occurrence by itself would be insufficient to show that a consequential amount of hazardous wastes were deposited on-site. Also, the earlier groundwater sampling results were unable to document that any release of hazardous waste to the aquifer had occurred. As such, it does not appear that any further investigation at this site is warranted.



C&D SITE, AIR NATIONAL GUARD BASE, FIRE TRAINING AREA, CANINE KENNEL LANDFILL

NUS

LEGEND

- APPROXIMATE LOCATION OF MONITORING WELLS
- SURFACE SOIL SAMPLE LOCATION
- A SUBSURFACE SOIL SAMPLE LOCATION

SAMPLE LOCATION MAP SUFFOLK AIRPORT C & D SITE. WESTHAMPTON BEACH. N.Y.

FIGURE 2
NUS

DEPARTMENT OF TRANSPORTATION

William C. Hennessy, Commissioner

CIL SPILL -URLAU

Region 10 Office. New York State Office Building



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NEW YORK TESTING LABORATORIES, INC.

35.

Sample: RO-31-01 60'-62'

Lab No. 82-64452 (A-1)

yOLATILE COMPOUNDS Tarameter (Lig/1):	Method No.	CAS No.	Detection Limit (Ug/1)	Found (\$g/1)
-,crolein	603, 624	107-02-8	100	< 100
Acrylonitrile	603, 624	107-13-1	100	< 100
Penzene	624	71-43-2	10	< 10
m_romodichloromethane	624	75-27-4	10	< 10
Bromoform	624	75-25-2	10	< 10
: _romomethane	624	74-83-9	10	< 10
Carbon Tetrachloride	624	56-23-5	10	< 10
inlorobenzene	624	108-90-7	10	< 10
Thiorodibromomethane	624	124-48-1	10	< 10
hloroethane	624	75-00-3	10	< 10
Z-Chloroethyl vinyl ether	624	110-75-8	10	< 10
Chloroform	624	67-66-3	10	< 10
-Chloromethane	624	74-87-3	10	< 10
Aichlorodifluoromethane	624	-	10	< 10
,l-Dichloroethane	624	75-34-3	10	< 10
],2-Dichloroetrane	624	107-05-2	10	< 10
ੂੰ,1-Dichiorpetrylene	524	75-35-4	1 0	< 10
Trans, 1,2-Dichlorgeonylene	624	156-60-5	15	< 10
	624	78-87-5	10	< 10
1,3-Dichloropropene	624	10061-02-6	10	< 10
£thylbenzene	624	100-41-4	10	< 10
1,1,2,2-Tetrachloroethane	624	79-34-5	10	< . 10
<pre>"Tetrachlorosthylene</pre>	624	127-18-4	10	< 10
Toluene	624	108-88-3	10	< 10
■1,1,1-Trichloroethane	624	71-55-6	10	< 10
_1,1,2-Trichloroethane	. 624	79-00-5	10	< 10
Trichloroethylene	624	79-01-6	10	< 10
Trichlorofluoromethane	. 624	•	10	< 10
Vinyl chloride	624	75-01-4	10	< 10

< = Less than, None detected</pre>

NEW YORK TESTING LABORATORIES, INC.

Page 36.

Sample: RO-38-01 (Continued)

Lab No. 82-64452 (A-1)

60'-62'

VOLATILE COMPOUNDS

Parameter (ug/l)	Method No.	CAS No.	Detection Limit (ug/l)	Found (ug/1)
Dieg				
Acetone	•	-	•	Present
Diethyl ether	-	-	•	Present
Hexane	•	-	•	Present
2-methyl-3-pentanone	-	-	•	Present
2,4-dimethyl-3-pentanone	-	_	•,	Present

NEW YORK TESTING LABORATORIES, INC.

Page 27.

Sample: R0-51-05

Lab No. 82-64452 (A-1)

20'-22'

<u> </u>							
VOLATILE COMPOUNDS	Method No.	CAS No.	Detection Limit (bg/1)	Found (Ag/1)			
Acrolein	603, 624	107-02-8	100	< 100			
rylonitrile	603, 624	107-13-1	100	< 100			
Benzene	624	71-43-2	10	< 10			
¹ omodichloromethane	624	75-27-4	10	< 10			
Bromoform	624	75-25-2	10	< 10			
7-omomethane	624	74-83-9	10	< 10			
Tarbon Tetrachloride	624	56-23-5	10	< 10			
hlorobenzene	624	108-90-7	10	< 10			
thlorodibromomethane	624	124-48-1	10	< 10			
Ghloroethase	624	75-00-3	10	< 10			
-Chloroethyl vinyl ether	624	110-75-8	10	< 10			
Chloroform	624	67-66-3	CI	< 10			
	624	74-87-3	. 10	< 10			
Dichlorodifluoromethane	824	-	· 10	< 10			
],1-Dichloroethane	624 ·	75-34-3	10	< 10			
1,2-Dichloroethane	624	107-06-2	10	< 10			
],1-Dichloroethylene	524	75-35-4	13	< 10			
Trans, 1,2-0(chlordeth lene	624	166-60-5	10	< 10			
7,2-Dichioropropare	624	78-87-5	10	< 10			
- ,3-Dichioropropene	624	10061-02-6	. 10	< 10			
Ethylbenzene	624	100-41-4	10	< 10			
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1.1.2.2-Tetrachloroethane	624	79-34-5	10	< 10			
etrachloroethylene	624	127-18-4	10	< 10			
Toluene	624	108-88-3	10	·< 10			
[,],]-Trichloroethane	624	71-55-6	10	< 10			
1,1,2-Trichloroethane	624	79-00-5	10	< 10			
Frichloroethylene	624	79-01-6	10	< 10			
frichlorofluoromethane	624	•	10	< 10			
Yinyl chloride	624	75-01-4	10	< 10			
}			• •	\ 10			

< = Less than, None detected

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